

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/042663

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N29/02 G01N29/22 G01N29/24 H01L41/047 H03H9/05  
H05K3/32 H01L21/60

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N H01L H03H H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 6 287 894 B1 (SAWIN RAYMOND L) 11 September 2001 (2001-09-11) abstract; claim 1; figures 1-5 column 1, line 5 - column 6, line 20	1-3, 5-7, 19-23 4, 8-18
X A	US 6 556 105 B1 (NGUYEN NGOC-TUAN ET AL) 29 April 2003 (2003-04-29) abstract; claim 1; figures 3a-8 column 2, line 54 - column 4, line 67	1-3, 5-7, 19-23 4, 8-18
X A	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 10, 31 October 1997 (1997-10-31) & JP 09 162693 A (KOKUSAI ELECTRIC CO LTD), 20 June 1997 (1997-06-20) abstract	1-3, 5-7, 19-23  4, 8-18
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

10 June 2005

Date of mailing of the international search report

16/06/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 840 369 A (KABUSHIKI KAISHA TOSHIBA) 6 May 1998 (1998-05-06) abstract; figure 8 page 51, line 13 - page 52, line 28 page 77, line 6 - line 31 -----	1, 19
A	WO 03/098206 A (FORSCHUNGSZENTRUM KARLSRUHE GMBH; RAPP, MICHAEL; VOIGT, ACHIM) 27 November 2003 (2003-11-27) abstract; claim 1; figures 1, 2 page 1, paragraph 2 - page 4, last paragraph -----	8-18
A	RAPP M ET AL: "New miniaturized SAW-sensor array for organic gas detection driven by multiplexed oscillators" SENSORS AND ACTUATORS B, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 65, no. 1-3, 30 June 2000 (2000-06-30), pages 169-172, XP004208629 ISSN: 0925-4005 the whole document -----	8-18
A	DU J ET AL: "Love wave acoustic immunosensor operating in liquid" SENSORS AND ACTUATORS A, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 61, no. 1-3, June 1997 (1997-06), pages 279-286, XP004092233 ISSN: 0924-4247 the whole document -----	8-18

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Information on patent family members

International Application No

PCT/US2004/042663

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US 6287894	B1	11-09-2001	NONE
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